

# Comparisons of Job Characteristics

**Focus Occupation:** Continuous Mining Machine Operators (47-5041)

**Associated Occupation:** Loading Machine Operators, Underground Mining (53-7033)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

|    |  |
|----|--|
| << | Focus occupation element is much lower             |
| <  | Focus occupation element is lower                  |
| 0  | Focus occupation element is at a similar level     |
| >  | Focus occupation element is at a higher level      |
| >> | Focus occupation element is at a much higher level |

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation:** Continuous Mining Machine Operators (47-5041)

**Associated Occupation:** Loading Machine Operators, Underground Mining (53-7033)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation                            |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Mechanical                                     | 6.8                             | 13.0                           | 18.0                      | >> Current knowledge level is likely more than sufficient |
| Production and Processing                      | 6.0                             | 8.6                            | 15.2                      | >> Current knowledge level is likely more than sufficient |
| Law and Government                             | 5.9                             | 8.4                            | 11.4                      | >> Current knowledge level is likely more than sufficient |
| Transportation                                 | 4.6                             | 7.2                            | 12.7                      | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 88

**Focus Occupation:** Continuous Mining Machine Operators (47-5041)

**Associated Occupation:** Loading Machine Operators, Underground Mining (53-7033)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation                |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation and Control                       | 5.4                             | 9.8                            | 13.3                      | >> Skill level is likely more than sufficient |
| Operation Monitoring                        | 6.6                             | 9.6                            | 13.2                      | >> Skill level is likely more than sufficient |
| Repairing                                   | 3.4                             | 8.3                            | 9.6                       | > Skill level is likely sufficient            |
| Equipment Maintenance                       | 3.5                             | 7.9                            | 10.1                      | > Skill level is likely sufficient            |
| Troubleshooting                             | 4.5                             | 7.7                            | 8.9                       | > Skill level is likely sufficient            |
| Equipment Selection                         | 3.3                             | 5.5                            | 5.6                       | 0 Current skill level may be sufficient       |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

| Abilities  |                                 | Similarity of Focus Occupation to Associated Occupation: 85 |                           |                                |  |  |
|--|---------------------------------|---|---------------------------|--------------------------------|--|--|
| Focus Occupation: Continuous Mining Machine Operators (47-5041)                |                                 |   |                           |                                |  |  |
| Associated Occupation: Loading Machine Operators, Underground Mining (53-7033) |                                 |   |                           |                                |  |  |
| Associated Occupation's Key Abilities Elements                                 | Average Rating, All Occupations | Associated Occupation's Rating                              | Focus Occupation's Rating | Evaluation of Focus Occupation |  |  |
| Control Precision  | 6.6                             | 12.2  | 14.6                      | >                              | Current ability level is likely sufficient           |  |
| Multilimb Coordination   | 6.0                             | 10.6  | 13.2                      | >                              | Current ability level is likely sufficient           |  |
| Depth Perception   | 5.3                             | 10.5  | 11.5                      | 0                              | Current ability level may be sufficient              |  |
| Reaction Time  | 4.8                             | 10.3  | 13.2                      | >>                             | Current ability level is likely more than sufficient |  |
| Rate Control   | 3.8                             | 9.1   | 11.2                      | >                              | Current ability level is likely sufficient           |  |
| Speed of Limb Movement   | 3.2                             | 6.4   | 7.1                       | >                              | Current ability level is likely sufficient           |  |
| Spatial Orientation  | 2.7                             | 5.9   | 6.9                       | >                              | Current ability level is likely sufficient           |  |
| Night Vision   | 2.1                             | 5.5   | 7.2                       | >                              | Current ability level is likely sufficient           |  |
| Peripheral Vision  | 2.2                             | 5.4   | 5.1                       | 0                              | Current ability level may be sufficient              |  |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common   |                         | Similarity of Focus Occupation to Associated Occupation: 94 |
|---|-------------------------|---|
| Focus Occupation: Continuous Mining Machine Operators (47-5041)<br>Associated Occupation: Loading Machine Operators, Underground Mining (53-7033) |                         |   |
| Work Activities   | Exclusivity of Activity |   |
| Operate earth-moving or other heavy construction equipment  | 80                      |   |
| Operate mining equipment or machinery   | 89                      |   |
| Use hand or power tools   | 2                       |   |
| Use measuring devices in construction or extraction work  | 41                      |   |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

| Tools and Technologies that Both Occupations Have in Common   |  | Similarity of Focus Occupation to Associated Occupation: n/a |
|---|--|--|
| Focus Occupation: Continuous Mining Machine Operators (47-5041)<br>Associated Occupation: Loading Machine Operators, Underground Mining (53-7033) |  |  |

| Tools and Technologies  | Exclusivity |
|---|-------------|
| Tools and technology data is unavailable for one or both occupations. |             |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.